

## § 558.325

expulsion of worms from the lungs and will be over in several hours.”

[40 FR 13959, Mar. 27, 1975, as amended at 43 FR 11176, Mar. 17, 1978; 43 FR 39351, Sept. 5, 1978; 43 FR 16013, Mar. 16, 1979; 51 FR 7398, Mar. 3, 1986]

## § 558.325 Lincomycin.

(a) *Approvals.* Type A articles and Type B feeds approved for sponsors in § 510.600(c) of this chapter for specific uses as in paragraph (c) of this section as follows:

(1) No. 000009: (i) 4 grams per pound as in paragraphs (c) (1) and (3) of this section.

(ii) 20 grams per pound as in paragraphs (c) (1) through (3) of this section.

(iii) 50 grams per pound as in paragraphs (c) (1) and (2) of this section.

(iv) 10 grams per pound as in paragraphs (c)(1) and (2) (i) through (iv) of this section.

(2)–(4) [Reserved]

(5) No. 043733 for 8 and 20 grams per pound as in paragraphs (c)(2) (i) through (iii) of this section.

(6)–(12) [Reserved]

(13) No. 017800 for 2.5 and 8 grams per pound as in paragraphs (c)(2) (i) through (iv) of this section.

(14)–(15) [Reserved]

(b) *Related tolerances in edible products.* See § 558.360 of this chapter.

(c) [Reserved]

(d) *Conditions of use—(1) Broilers:*

(i) *Amount per ton.* 2 to 4 grams.

(a) *Indications for use.* For increase in rate of weight gain and improved feed efficiency.

(b) *Limitations.* As lincomycin hydrochloride monohydrate.

(ii) *Amount per ton.* 2 grams.

(a) *Indications for use.* For control of necrotic enteritis caused by *Clostridium spp.* or other susceptible organisms.

(b) *Limitations.* As lincomycin hydrochloride monohydrate.

(2) *Swine—(i) Amount per ton.* 40 grams.

(a) *Indications for use.* For control of swine dysentery.

(b) *Limitations.* Feed as sole ration; for use in swine on premises with a history of swine dysentery but where symptoms have not yet occurred; not to be fed to swine that weigh more than 250 pounds.

(ii) *Amount per ton.* 100 grams; 40 grams.

(a) *Indications for use.* For treatment and control of swine dysentery.

(b) *Limitations.* Feed 100 grams per ton for 3 weeks or until signs of disease disappear, followed by 40 grams per ton; feed as sole ration; not to be fed to swine that weigh more than 250 pounds.

(iii) *Amount per ton.* 100 grams.

(a) *Indications for use.* For treatment of swine dysentery.

(b) *Limitations.* Feed as sole ration for 3 weeks or until signs of disease disappear; not to be fed to swine that weigh more than 250 pounds.

(iv) *Amount per ton.* 200 grams.

(a) *Indications for use.* For reduction in the severity of swine mycoplasmal pneumonia caused by *Mycoplasma hyopneumoniae*.

(b) *Limitations.* Feed as sole ration for 21 days; not to be fed to swine that weigh more than 250 pounds.

(v) *Amount per ton.* 20 grams.

(a) *Indications for use.* For increased rate of weight gain in growing-finishing swine.

(b) *Limitations.* Feed as sole ration; not for use in swine weighing over 250 pounds.

(3) Lincomycin may also be used for broilers in combination with:

(i) Amprolium, ethopabate, and roxarsone in accordance with §§ 558.58 and 558.530.

(ii) Amprolium and ethopabate in accordance with § 558.58.

(iii) Clopidol in accordance with § 558.175.

(iv) [Reserved]

(v) Decoquinat in accordance with § 558.195.

(vi) Zoalene in accordance with § 558.680.

(vii) Monensin in accordance with § 558.355.

(viii) Robenidine hydrochloride in accordance with § 558.515.

(ix) Roxarsone, monensin sodium in accordance with §§ 558.355 and 558.530.

(x) Lasalocid sodium in accordance with § 558.311.

(xi) Nicarbazine and roxarsone as in § 558.366.

(xii) Nicarbazine with or without narasin as in § 558.366.

(xiii) Lasalocid sodium and roxarsone as in § 558.311.

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(xiv) Halofuginone in accordance with § 558.265.

(xv) Salinomycin with or without roxarsone as in § 558.550.

(4) Lincomycin may also be used for swine in combination with:

(i) Pyrantel tartrate as in § 558.485.

(ii) Fenbendazole as provided in § 558.258.

(iii) Ivermectin as in § 558.300.

[40 FR 13959, Mar. 27, 1975]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 558.325, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and on GPO Access.

#### § 558.340 Maduramicin ammonium.

(a) *Approvals.* Type A medicated articles: 4.54 grams per pound to 046573 in § 510.600(c) of this chapter.

(b) *Tolerances.* See § 556.375 of this chapter.

(c) *Conditions of use.* (1) *Amount.* 4.54 to 5.45 grams per ton (5 to 6 parts per million) (1 to 1.2 pounds per ton).

(i) *Indications for use.* For prevention of coccidiosis caused by *Eimeria acervulina*, *E. tenella*, *E. brunetti*, *E. maxima*, *E. necatrix*, and *E. mivati*.

(ii) *Limitations.* For broiler chickens only. Feed continuously as sole ration. Do not feed to laying hens. Withdraw 5 days before slaughter.

(2) [Reserved]

[54 FR 5229, Feb. 2, 1989, as amended at 54 FR 26732, June 26, 1989; 54 FR 32635, Aug. 9, 1989; 54 FR 33885, Aug. 17, 1989; 55 FR 23, Jan. 2, 1990; 55 FR 8460, Mar. 8, 1990; 55 FR 49616, Nov. 30, 1990; 59 FR 8134, Feb. 18, 1994; 61 FR 18082, Apr. 24, 1996; 63 FR 27845, May 21, 1998; 66 FR 46706, Sept. 7, 2001]

#### § 558.342 Melengestrol acetate.

(a) *Approvals.* Dry Type A medicated articles containing 100 or 200 milligrams per pound or liquid Type A article containing 500 milligrams per pound to 000009 in § 510.600(c) of this chapter.

(b) *Related tolerances.* See § 556.380 of this chapter.

(c) *Special considerations.* (1) Type B or C medicated feeds may be manufactured from melengestrol acetate liquid Type A articles or Type B or C medicated feeds which have a pH of 4.0 to 8.0 and bear appropriate mixing directions as follows:

(i) For liquid Type B or C feeds stored in recirculating tank systems: Recirculate immediately prior to use for no less than 10 minutes, moving not less than 1 percent of the tank contents per minute from the bottom of the tank to the top. Recirculate daily as described even when not used.

(ii) For liquid Type B or C feeds stored in mechanical, air, or other agitation type tank systems: Agitate immediately prior to use for not less than 10 minutes, creating a turbulence at the bottom of the tank that is visible at the top. Agitate daily as described even when not used.

(2) A positionally stable melengestrol acetate liquid Type B or C feed will not be subject to the requirements for mixing directions prescribed in paragraphs (c)(1) of this section provided it has a pH of 4.0 to 8.0 and contains a suspending agent(s) sufficient to maintain a viscosity of not less than 300 centipoises per second for 3 months.

(d) *Conditions of use.* It is used for heifers as follows:

(1) *Amount.* Melengestrol acetate, 0.25 to 0.50 milligram per head per day.

(i) *Indications for use.* For increased rate of weight gain, improved feed efficiency, and suppression of estrus (heat).

(ii) *Limitations:* Heifers being fed for slaughter; administer 0.5 to 2.0 pounds per head per day of medicated feed containing 0.125 to 1.0 milligram of melengestrol acetate per pound to provide 0.25 to 0.50 milligram of melengestrol acetate per head per day. Melengestrol acetate as provided by No. 000009 in § 510.600(c) of this chapter.

(2) *Amount:* Melengestrol acetate, 0.25 to 0.40 milligram per head per day, plus monensin (as monensin sodium), 50 to 360 milligrams per head per day.

(i) *Indications for use.* For increased rate of weight gain, improved feed efficiency, and suppression of estrus (heat).

(ii) *Limitations:* Heifers being fed in confinement for slaughter. Add at the rate of 0.5 to 2.0 pounds per head per day a medicated feed (liquid or dry) containing 0.125 to 0.80 milligram of melengestrol acetate per pound to a feed containing 5 to 30 grams of monensin per ton; or, add at the rate of 0.5 to 2.0 pounds per head per day a